



"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21ST CENTURY"

Sewerage & Water Board of NEW ORLEANS

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NEW ORLEANS, LA 70165 • 504-529-2837 OR 52-WATER
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January 13, 2023

Addendum No. 2

Your reference is directed to **Contract 1415 – CARROLLTON WATER PURIFICATION PLANT WEST POWER COMPLEX FOUNDATIONS AND UNDERGROUND UTILITIES** for the Sewerage and Water Board of New Orleans which is scheduled to open at **11:30 a.m. Local time on February 1, 2023.**

This Addendum consists of 1 Page(s) and 2 Attachment(s).

This addendum provides for the following:

A2.1. This Addendum includes the following attachments (not included in the page count):

- a. Attachment 1 – C1415 Questions and Responses During Bidding – Version 0, Dated January 11, 2023 [Questions 1-22].
- b. Attachment 2 – Reference drawing "C8 French Drain Detail" from Contract 1403

The changes, additions, and/or deletions included herein are hereby made part of the Contract Documents for the CP-1415 West Power Complex Foundations and Underground Utilities project, as fully and completely as if the same were set forth therein. The bidder shall acknowledge receipt thereof on the Form of Proposal.

*** END OF ADDENDUM ***

C1415 – WPC Foundations and Underground Utilities

Questions and Responses During Bidding

Version 0, Dated: January 11, 2023 [Questions 1-22]

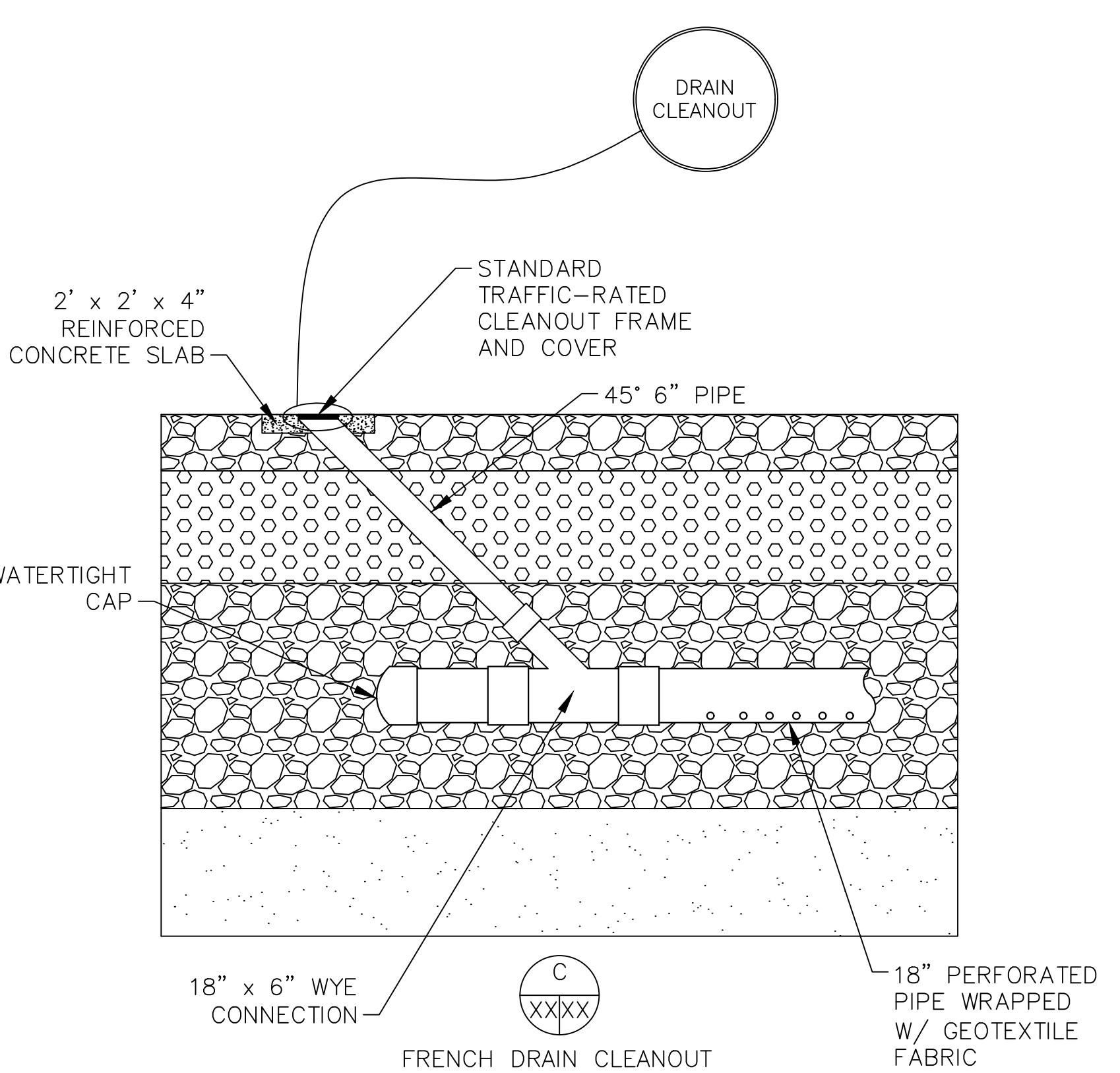
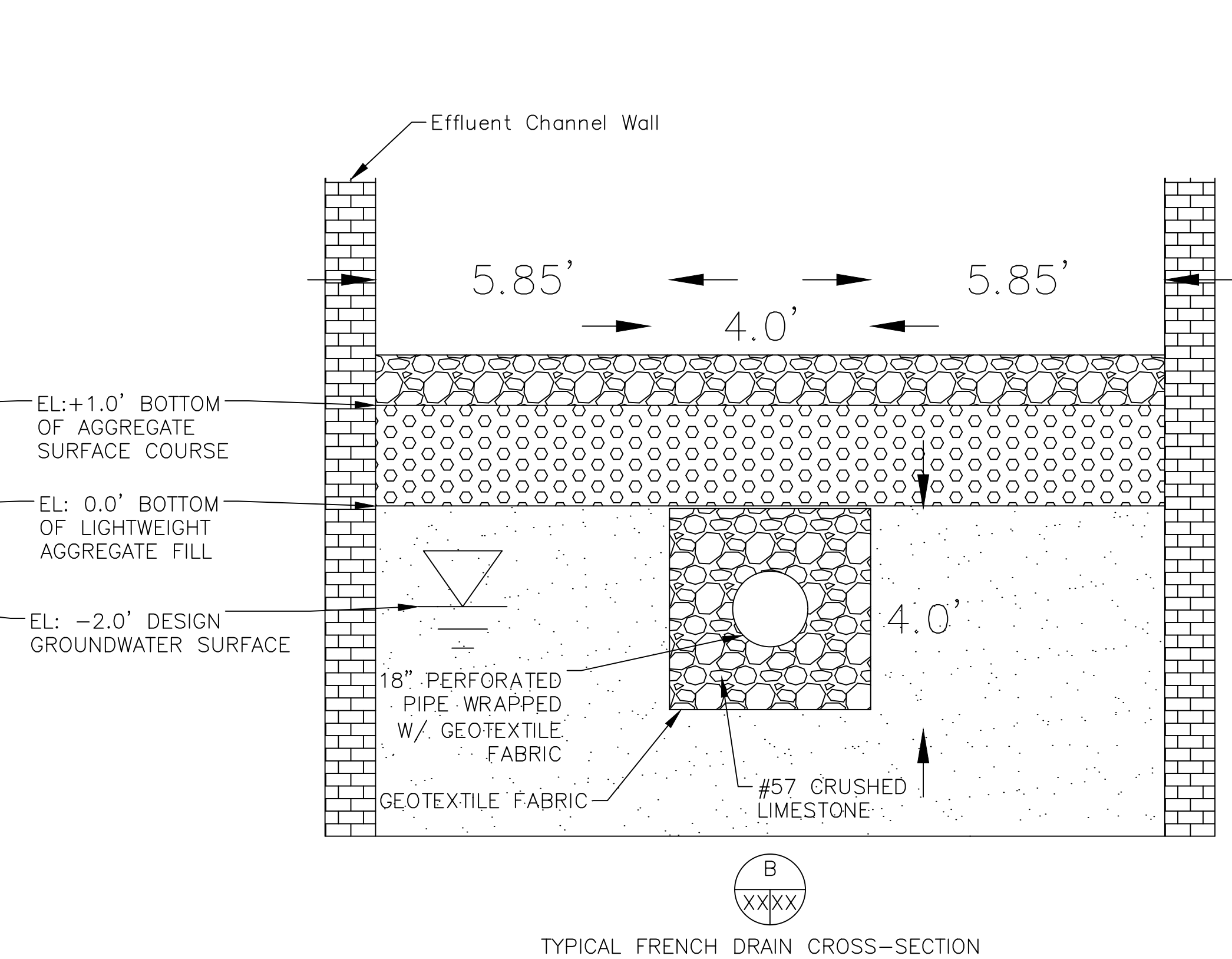
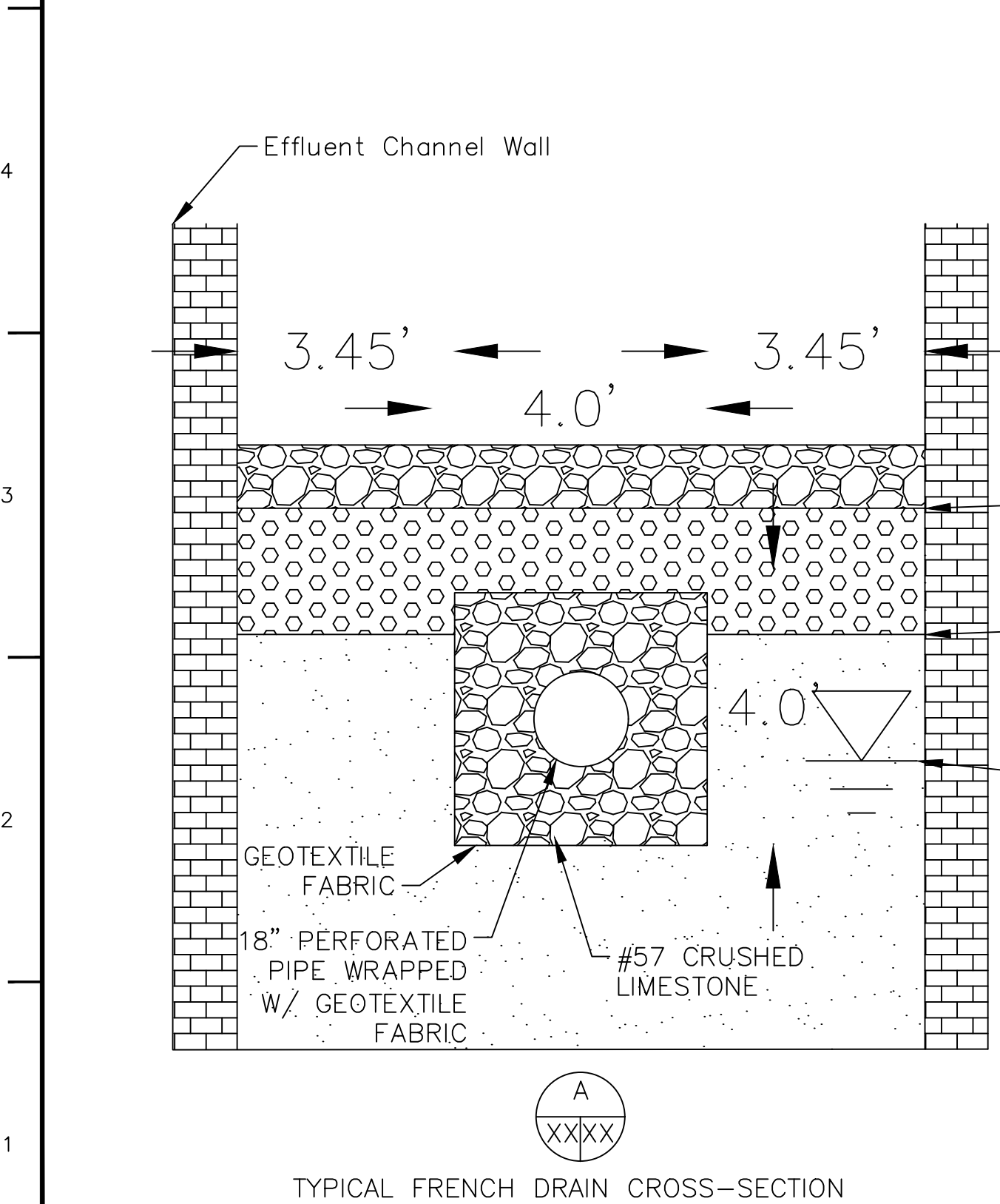
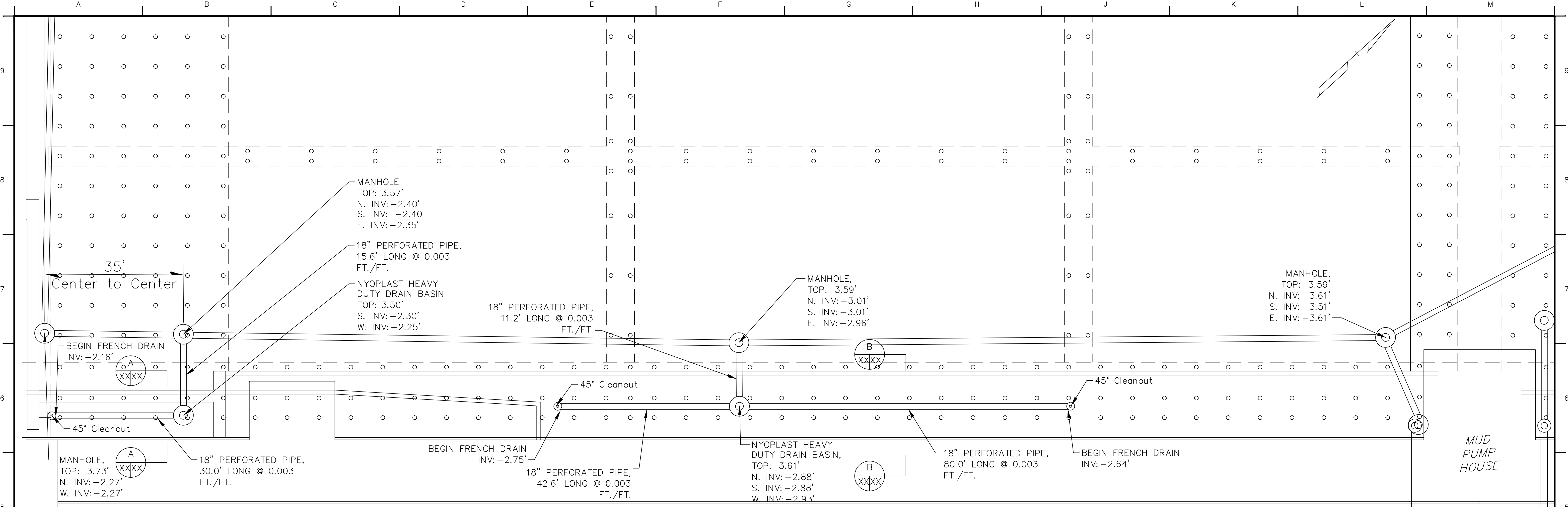
BIDDER QUESTION #1	We do not see the contract duration specified. Please provide.
RESPONSE #1	Contract Time is defined as 330 days, please refer to Addendum 1.
BIDDER QUESTION #2	Wage rates are not linked or attached as stated.
RESPONSE #2	Wage rates were included in Addendum 1.
BIDDER QUESTION #3	Measurement and Payment Spec Section does not match the bid form. The measurement and payment section has 71 items and looks to have a number of unit price items that are to be measured. The Bid Form has 8 items. Please make sure these match.
RESPONSE #3	A revised Bid Form was included in Addendum 1.
BIDDER QUESTION #4	Drawing E06-01 Detail 1 provides detail on reinforcing, spacing of conduits, etc. Drawings E-U-005 and 6 provides different duct bank information and construction information. Which one governs?
RESPONSE #4	<ul style="list-style-type: none">• Details shown on E06-01 apply to duct bank drawings in the E06-XX drawing series as identified on Key Plan Drawing E06-10.• Details shown on E-U-005 and -006 apply for duct bank drawings in the E-U-XXX drawing series as identified on Key Plan Drawing E-A-03.
BIDDER QUESTION #5	Drawing S00-05 includes a soldier pile schedule which states the soldier piles shall be HP16x101 whereas Drawings S-01-08-03 and 04 state that the soldier piles are to be HP14x102. Please clarify.
RESPONSE #5	Soldier Piles shall consist of HP14x102. Drawings will be revised in the conformed contract documents to reflect this.
BIDDER QUESTION #6	Drawing S-01-08-03 details the soldier pile for the retaining wall going into a 24" casing with a call out for Section B of Drawing S-01-08-04 which details this casing as a 30" pile. Please clarify.
RESPONSE #6	Soldier Pile Casings shall be 30" diameter. Drawings will be revised in the conformed contract documents to reflect this.

RESPONSE #9	<ul style="list-style-type: none"> • Section 48 50 90, Cathodic Protection is a performance specification and requires the Contractor to assess the needs and design each piping system based on the specification. Refer to paragraph 1.02. • Refer to Specification Section 01 11 01, Project Summary of Work, paragraph 1.04. • Refer to Specification Section 15 34 42, Underground Piping, paragraph 3.03.A.21.
BIDDER QUESTION #10	Section 33 05 07 Jacking and Boring is including in the bid specifications. This spec does not detail any specific work to be performed on the site and we see that work shown on Drawing C-01-10 but that states for a future contract. Please confirm there is no scope for this spec section in this contract.
RESPONSE #10	Confirmed, Contract 1415 does not include Jacking and Boring, and this Section will be removed from the Conformed Documents.
BIDDER QUESTION #11	Section 26 05 19 Low Voltage wire and Cable is including in the bid specifications. This spec does not detail any specific work to be performed on the site and we do not see any work for this section on the plans. Can it be deleted? If not, please detail specific scope for this spec section.
RESPONSE #11	As noted on the Technical Specifications Table of Contents, Specification Section 26 05 19 Low Voltage Wire and Cable is provided for Reference Only.
BIDDER QUESTION #12	Section 26 05 13 Medium Voltage Cable is including in the bid specifications. This spec does not detail any specific work to be performed on the site and we do not see any work for this section on the plans. Can it be deleted? If not, please detail specific scope for this spec section.
RESPONSE #12	As noted on the Technical Specifications Table of Contents, Specification Section 26 05 13 Medium Voltage Cable is provided for reference only.
BIDDER QUESTION #13	Section 01 31 13 Project Coordination Paragraph 3.04B states that C7/C8 site expectations should be that water will be leaking from C and L basins. How much water should be anticipated and how can the Contractor be expected to quantify this statement? Can this simply be handled with a couple of 2 inch electric sump pumps?
RESPONSE #13	Drainage improvements have been implemented such that leakage from the C and L basins are not anticipated to impact the work. However, the stormwater design for C7 and C8 includes storage and transportation of storm water in the stratum of lightweight aggregate that was installed during the C7/C8 demolition project. The design groundwater elevation is

	<p>-2.0' and is controlled by the outlets from the stormwater detention facilities. During and following major rainfall events, the groundwater elevation is expected to rise above elev. -2.0'. During long periods of no rainfall, the elevation is expected to drop below elev. -2.0. Contractors should expect to deal with groundwater if their operations involve excavation in the vicinity of elev. -2.0. Please note Volume 4, Standard and Reference Drawings, Contract 1403 drawings, as well as the additional reference drawing "C8 French Drain Detail" attached to this Addendum 2.</p>
BIDDER QUESTION #14	Can you please provide the Estimate for Job Carrollton Water Purification Plant West Power Foundations & Underground Utilities?
RESPONSE #14	The Engineer's Opinion of Probable Construction Cost for Contract 1415 is \$40,300,000.
BIDDER QUESTION #15	Drawing 99.02 and 99.03 details embedded anchor bolts for mechanical or electric equipment. Please clarify whether embedded anchors will be required to be installed in this contract for future for mechanical or electric equipment work.
RESPONSE #15	Contract 1415 includes installation of embedded anchor bolts for the mechanical and electrical equipment.
BIDDER QUESTION #16	On Drawing 99.05, the "Column Base – Steel" and the "Post Base – Steel" details both show headed anchor bolts to be embedded for all the future walkways. Is the intent that all of these are pre-installed in these foundations or can the detail be changed to show post installed anchors for the future contract?
RESPONSE #16	Contract 1415 includes installation of embedded anchor bolts for the future walkways.
BIDDER QUESTION #17	What is the Engineer's Opinion of Probable construction Cost?
RESPONSE #17	Refer to the response provided to Question 14.
BIDDER QUESTION #18	Can the levee be degraded and if so, are there any limitations in doing so?
RESPONSE #18	Due to underground utilities within the levee, and considering the final grading required, the levee should not be degraded.
BIDDER QUESTION #19	Please clarify the quantity of ¾" studs that are to be welded HP14x102 into the retaining wall pipe pile. Section B on Drawing S01-08-04 shows 2 EA welded to the web. Drawing S01-08-03 calls for 4 EA to be welded at 12" centers to EACH side of web which could be interpreted as 8 EA on 12" centers.

RESPONSE #19	Both drawings are accurate. To clarify, there are to be 8 EA ¾" studs on each soldier pile, 4 EA on each side of the web.
BIDDER QUESTION #20	Note 6 on Drawing S01-08-02 states that the soldier piles shall be coated to "the full depth of the embedment and up to the top of the piles". Are the ¾" studs welded to these soldier piles to be coated as well?
RESPONSE #20	Studs welded to areas of coated soldier piles must also be coated.
BIDDER QUESTION #21	Is the C-7 road shown on a variety of the drawings (specifically C01-04) part of this contract? We do not see any details on the roadway nor do we see anywhere that states it is not in the contract.
RESPONSE #21	The "roadway" extents shown within the C-7 basin in drawing C01-04 are only illustrating the final drivable access pathways required within the C-7 basin. No road will be constructed. The "road" surface within the C-7 basin shall be restored to the same surface and subsurface materials as is found prior to the beginning of work. That said, drawing C01-05 does detail the levee road construction, including the "Levee Road Section," and encompasses the levee roadway length between Station 100+43.39 to Station 107+12.77.
BIDDER QUESTION #22	Regarding the Soldier Piles (S01-08-01), can a detailed pile schedule be provided with the various lengths (similar to the pipe piles)? <ul style="list-style-type: none"> a. Sheet S00-05 schedule states pile size is HP16 x 101; however, S-01-08-03 call out note states HP 14 x 102. Please Clarify b. The 24" diameter pipe pile with the conical point. Is this only required on the Type B piles? What is the length? Is this required to be augured out full depth prior to installation of the H Pile? c. Can the top and tip of each pile be provided?
RESPONSE #22	<ul style="list-style-type: none"> a. Refer to the response provided to Question 5. b. Soldier Pile Casings shall be 30" diameter. Drawings will be revised in the conformed contract documents. To confirm, the 30" pile casings and conical points are only required on the Type B piles. Pile lengths are as shown on the contract drawings. Auguring for the retaining wall piles is not permitted. Piles are designed as displacement piles; if piles are augured this will violate design. Referencing specification 31 32 19, Geotextile Fabric and Geogrid, paragraph 3.02.B.1, note that pre-drilling is required within the C-7 basin where fabric is present. c. Refer to contract drawing S01-08-02 for pile and pile casing elevations and lengths.

END OF VERSION 0 // BELOW IS TO BE ADDRESSED IN A FUTURE ADDENDUM	
BIDDER QUESTION #23	A milestone schedule is referenced in Section 01 11 01 Paragraph 1.03A, but none is attached.
RESPONSE #23	
BIDDER QUESTION #24	Spec Section 01 31 13 Paragraph 1.05.A.5. states the Contractor shall include Construction Milestones in the Progress Schedule as they may affect the Sequence of Work. Can those dates be provided?
RESPONSE #24	
BIDDER QUESTION #25	Drawing 99.10 has a pile detail that differs from what is shown on S01-02-04. Please confirm which to use
RESPONSE #25	
BIDDER QUESTION #26	In review of Drawing C01-09, the Site Grading drawing, and comparing that to the final grades installed on the previous contract, it appears that approximately 2 feet of fill material must be brought in to bring the site up to the final grades provided. Are we to follow Drawing C01-012 to estimate which material? We cannot find another drawing that details the section of this area for backfill requirements. The final elevation of the sand layer on the S&WB 1403 was approximately 0.00'. So are we to assume any backfill above this later to 1 ft below final grade.
RESPONSE #26	
BIDDER QUESTION #27	Spec Section 31 23 23 paragraph 3.08 states that the substation site surfacing shall be 6" base course and 4" final course of base course rock which contradicts C01-012. Please clarify.
RESPONSE #27	
BIDDER QUESTION #28	Drawing C01-012 also details geotextile fabric being placed beneath duct banks. Is that the intent?
RESPONSE #28	
BIDDER QUESTION #29	Various structural drawings detail rock under the foundations and pile cap supports. What thickness and material is required in these locations? Spec Section 31 23 23 paragraph 2.09 indicates Foundation Stabilization rock to be crushed stone and paragraph 3.02 calls for pump sand beneath structures.
RESPONSE #29	



AS-BUILT

REV.	DATE	DESCRIPTION	BY

**SEWERAGE AND WATER BOARD
OF NEW ORLEANS**

CONTRACT 1403

**DEMOLITION OF ABANDONED C-7 & C-8 BASINS
AT THE CARROLLTON WATER TREATMENT PLANT**

C8 FRENCH DRAIN DETAIL

DR.	E.L.
TRC.	P.L.L.
CK.	L.F.
AP.	E.L.
SCALE:	

DWG. No. 12157-W-25

DATE:	SET NO.	SHEET NO.	OF 42
06/05/2018			